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Service Letter

Ariens Company
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Product Family: 2010 AMP™ Sno-Thro®

Subject: Battery Storage, Unit Setup and Service

Dealer Action: Inspect and Rework as Required

Ariens Model	Description	Serial Number Range
916003	AMP 24 Sno-Thro	000101 and up

The AMP 24 electric Sno-Thro begins a new era for Ariens Sno-Thro products, and with this new product line, dealers need to be aware of unique operating and service elements. Please review the following information to ensure you are prepared to properly stock and service the AMP 24 Sno-Thro.

BATTERY CHARGING/STORAGE AND INVENTORY

AMP Sno-Thro units that have not been set up and operated can be stored without charging the batteries for up to six months. Once the six-month point is reached, the batteries must be fully charged. When a unit is removed from the crate and is being used, even occasionally, it must be connected to the charger when not in use - as recommended in the operator's manual. It is extremely important that this message is passed down to the end-customer. Failure to keep batteries fully charged will reduce battery life and void battery warranty.

Do not allow AMP Sno-Thro batteries to freeze. A discharged battery can freeze if stored in temperatures below 32°F (0° C). To prevent freezing, keep the battery connected to a functioning battery charger when not in use.

Each unit ships with the standard battery charger. Dealers may wish to have a 20-amp heavy-duty battery charger (part number 71600100) as a service charger. The heavy-duty charger will fully charge the batteries in approximately 3 hours. The standard battery charger takes approximately 7 hours to charge the batteries after use.

Inventory should be rotated so that it is first in, first out to ensure the best possible battery life.

INITIAL SETUP (SEE OWNERS MANUAL FOR FULL DETAILS AND DIAGRAMS)

Setup consists of unfolding the handlebar, installing the discharge chute, connecting the two batteries, installing the discharge chute crank, installing the remote deflector cable, charging the batteries, checking the function of the dual handle interlock, checking the tire pressure, checking the auger gear case oil, and checking the function of all controls and the run-in attachment belt.

When connecting the two batteries, make sure that the connectors are fully seated and locked in place. In addition to battery protection, the battery cover acts as the hold-down for the batteries. Do not operate the unit without the cover securely installed with all hardware.

The batteries must be charged for a minimum of 7 hours before the first use. Again, the batteries must be hooked up to the charger after every use, regardless of the length of time the unit was operated. Failure to keep batteries fully charged will reduce battery life and void battery warranty.

OPERATION AND CUSTOMER TRAINING

Pre-Start

1. Unplug the AMP 24 from the battery charger.
2. Adjust axle lock pins, skid shoes, and discharge chute to desired position.

Starting

1. Ensure that PTO switch is not engaged.
2. Insert key and turn power switch to the ON position. The LED battery level indicator will glow.
3. Engage PTO switch, drive motor will run.
4. Select speed control position and direction.
5. Engage attachment clutch (right-hand lever).
6. Engage traction drive clutch (left-hand lever) and plow snow.

Stopping

1. When stopping, release the traction drive lever and allow the unit to come to a complete stop.
2. Run the impeller a few minutes after use to prevent freeze-up of impeller.
3. Release attachment clutch lever and wait for all moving parts to come to a stop.
4. Disengage PTO switch. Drive motor will stop.
5. Turn power switch to OFF position and remove key.
6. Attached unit to battery charger.

Operation Notes

- The battery level indicator will only reset once the batteries have been fully charged.
- Depending on extent of discharge and battery condition, allow approximately 7 hours for a complete recharge before additional use (an optional heavy duty charger is available that will reduce charge time to 3 hours).
- Batteries must be removed before tipping unit to service position.

CLEANING AND OFF-SEASON STORAGE

DO NOT clean the AMP Sno-Thro with pressurized water. Component damage will result. It is recommended that compressed air be used to clean the unit. Be sure to wear adequate personal protective gear.

During the off season the unit should be stored in a dry area with reliable electrical service as the unit must be connected to a functioning battery charger at all times.

TROUBLESHOOTING

A comprehensive troubleshooting chart for common problems can be found in the operator's manual. If the suggested corrections do not eliminate the problem, the unit requires service. Dealers must have reviewed the AMP Sno-Thro Training program to properly diagnose and repair problems.

If you have any further questions about this product or wish to request the AMP Sno-Thro training material, contact Ariens Technical Service at 1-888-927-4367.